

Datasheet

SOX2 monoclonal antibody, clone 10F10

Catalog Number: MAB10845

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant SOX2.

Clone Name: 10F10

Immunogen: Recombinant protein corresponding to human SOX2.

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG1

Recommend Usage: ELISA (1:10000)
Western Blot (1:500-1:2000)
Immunohistochemistry (1:200-1:1000)
Immunofluorescence (1:200-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In ascites (0.03% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6657

Gene Symbol: SOX2

Gene Alias: ANOP3, MCOPS3, MGC2413

Gene Summary: This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). [provided by RefSeq]